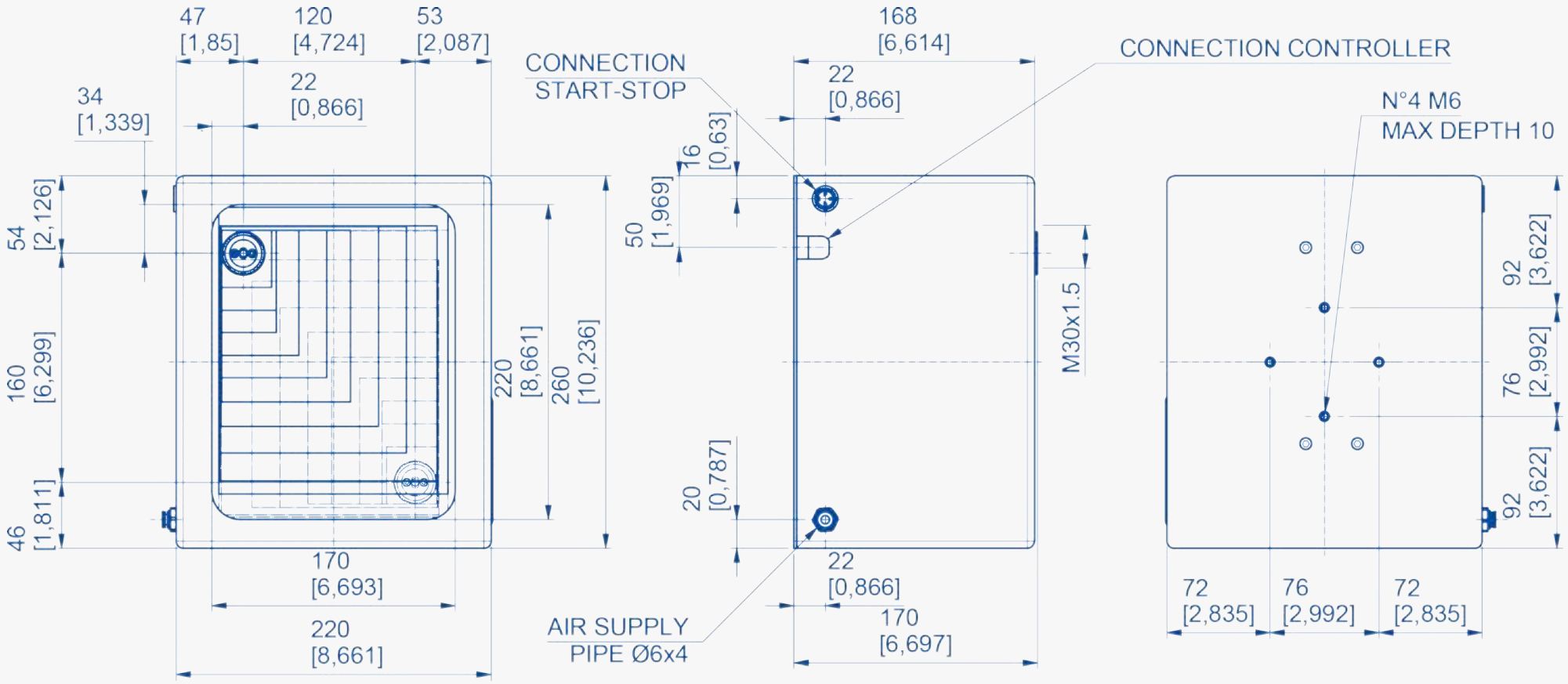ADP120160 DEEP